

WHAT IS CLAIMED IS:

1. An automatic monitoring and alerting device, comprising:
 - a monitor module to record the image of a location in a digital format;
 - a video integration module to convert the image data as recorded by the monitor
- 5 module into a particular video format; which format comprises a format for video data file suited for mobile transmission;
2. The automatic monitoring and alerting device according to claim 1, wherein said monitor module comprises a digital camera.
3. The automatic monitoring and alerting device according to claim 1, wherein
- 10 said monitor module comprises a video recorder.
4. The automatic monitoring and alerting device according to claim 1, wherein said video integration module comprises an image compressor the compress image data recorded by said monitor module, a video encoder to encode the compressed image data into a video format and memories to store image data processed and image
- 15 data being processed.
5. The automatic monitoring and alerting device according to claim 4, wherein said image data are encoded in the OCIF or CIF format.
6. The automatic monitoring and alerting device according to claim 1, wherein said mobile communications module comprises a GPRS (general packet radio system)
- 20 module to transmit said image data to a connectable mobile communications system, such that said data are transmitted to a designated mobile device.
7. The automatic monitoring and alerting device according to claim 1, wherein said mobile communications module further comprises a network processor to modify said image data such that said image data are suited for transmission in the internet.
- 25 8. The automatic monitoring and alerting device according to claim 1, wherein said alert module comprises a sensor to sense the environment of the location, an alert signal generator to generate alert signals when a predetermined change in the environment is sensed and a dialer signal generator to generate dialer signals when an alert signal is generated.
- 30 9. The automatic monitoring and alerting device according to claim 8, wherein

said sensor is an optoelectronic sensor.

10. The automatic monitoring and alerting device according to claim 8, wherein said dialer signals comprise at least one selected from the group of telephone number, IP address, domain name and email address.
- 5 11. The automatic monitoring and alerting device according to claim 8, wherein said alert signal generator further generates a predetermined alarm information to be transmitted along with said image data.